

# Chief Software Architect

Location: Open to remote, New Jersey, New York City and Washington, DC.

## Position Description

Tenna is searching for an experienced Chief Architect to lead and develop the second generation of our IoT product. The Chief Architect's focus and primary role is to define and extend a robust architecture for the Tenna platform. The ideal candidate will be forward thinking, an excellent communicator, experienced in transformation projects, and possess a passion for the IoT revolution. You will be part of a highly collaborative development process, develop next-generation code, and join on the ground-floor of the re-architecture of the Tenna product line.

## About the Company

Tenna is an IoT startup company with strong financial backing. We pride ourselves as pioneering the construction and infrastructure technology industry space. Tenna provides innovative solutions to customers looking for competitive ways to better manage and track their assets such as equipment, tools, and materials. We give our customers power to control assets anytime, anywhere.

## Responsibilities

- Continue to design and implement a data intensive computing architecture
- Evolve automated monitoring and recovery of such architecture
- Define and extend a robust architecture for Tenna platform, leveraging and enhancing existing building blocks and creating new reusable components
- Understand the long-term business objectives and suggest technical strategies to meet those objectives by introducing innovation through technology
- Be responsive and decisive on adjusting our platform architecture as customer requirements, market conditions and technology evolve
- Work with the Tenna team to gather all requirements to formulate appropriate architectures required to provide system functionality, deciding when to advocate and when to compromise to arrive at a mutually acceptable solution
- Work with the development team to translate the software architecture into design and be hands-on as needed
- Collaborate with the team to identify the best technological business solution
- Actively participate in planning meetings
- Provide input on the software architecture, database schema, and API protocols
- Consult with senior leadership concerning corporate direction and planning of computing environments
- Test, evaluate and recommend technologies to improve the overall product

## Requirements:

- STEM Bachelor's degree. Advanced degree (e.g. Masters in Computer Science) is preferred but not required

- 10+ years' experience in hands-on development, application design in the delivery of data-intensive software products
- 3+ years in an architect role in previous large-scale software development projects, preferably within a SaaS delivery model
- Comfortable in communicating architecture to all levels of management and customers
- Excellent knowledge of software development methodologies and processes
- Track record that includes the design and release of high quality, high performance enterprise software product / application
- Hands-on experience with Microservices, Containers (Docker)
- Highly desirable to have experience with Heroku and AWS-based services including ec2, Elasticsearch, S3, SQS and SNS
- SQL experience is a must, with Postgres preferred
- Ability to logically troubleshoot through problems to identify the root cause in time-sensitive situations
- In-depth knowledge of Linux-based operating systems required. Preferred is Ubuntu
- Possessing skills in the following technology areas: Java, REST, Web Services, XML, XSL, HTML / DHTML, HTTP, MQTT
- Thorough understanding of relational database design, OLAP and good understanding of NoSQL models (SQL, MDX, etc.)
- Strong analytical problem solving and decision-making skills
- Strong time management, organization, and prioritization skills